PTO/SB/08A (10-96)
Approved for use through 10/31/99 OMR 0651-0031

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

 Complete if Known

 Application Number
 09/832,603

 Filling Date
 04/11/2001

 First Named Inventor
 Cooney

 Group Art Unit
 Examiner Name

 Attorney Docket Number
 D-5045

				U.S. PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Number (# k	Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	'	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
11/2		5,249,120		Foley	09-28-199	1	- I quies Aupea
NEC		5.063.506		Brockwell et al	11-05-199		
UFC	·	5,570,291		Dudle et al	10-29-199		
12/2		5,765,137		Lee	06-09-199	9.8	
4	<u> </u>	5,970,476	_	Fahey .	10-19-19	99	
OFC.		5,960,417		Pan et al	09-28-19	99	
4		5,793,632	1	Fad et al	08-11-199		
			$\vdash$				
			<del> </del>				
			┼╌┤			<u> </u>	
<del></del>					ļ		
			╁				
			┝╌┤	<del></del>		ļ	
			<del>                                     </del>				
8			$\vdash$				
			<del>                                     </del>				

				FORE	IGN PATENT DOCUMEN	ITS		
Examiner Initials	Cite		oreign Patent Do			Date of Publication of	Pages, Columns, Lines,	7
	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	<b>₽</b> 0
								$T^-$
							· <u>,</u>	十一
					·			┿
						<del>                                     </del>		+-
							<del>-</del>	┿
				<del></del>				+-
				<del></del>				+
				<del></del>		<del></del>		-
							<del></del>	$\bot$
								$\perp$
				1 1				

	$\sim$		<i>f</i> /	
Examiner		Date	< 11/2	_
Signature Signature I	Toplus )	Considered	- 16/18	)
*EYAMINED: Initial if and annual		<del></del>		_

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08B (10-96)
App.oved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	e for form 14498	VPTO		Co	Complete if Known			
				Application Number	09/832,603			
INFC	PRMAII	ON E	DISCLOSUR	Filing Date	04/11/2001			
STATEMENT BY APPLICANT				First Named Inventor	Cooney			
			, <b>_.</b> ,	Group Art Unit				
	(use as ma	any shee	its as necessary)	Examiner Name				
Sheet	2	of	2	Attorney Docket Number	D-5045			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	7								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.									
DFC	<u> </u>	"Your Guide to Price Knowledge Manager" Price Systems, L.L.C.;1999									
		•									

Examiner **Date** Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Please typ	e a plu:	s sign (+	) inside	this	box

Substitute for form 1449A/PTO

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

		_		-
Sheet	1	of	1	

Complete if Known								
Application Number	09/832,603							
Filing Date	4/11/01							
First Named Inventor	Cooney, et al.							
Group Art Unit	2161							
Examiner Name								
Attorney Docket Number	D5045							

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	No 1 Number Kind Code <sup>2</sup>			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant A Figures Appear
110	, (	5,063,5	06	Brockwell, et al.	11/15/1991	ouplicate
DEC		5,249,1		Foley	09/28/1993	
						RECEIVED
						FEB 0 5 2002
					-	Technology Center 2100
				·		
	-					

			FORI	EIGN PATENT DOCUMENT	rs		
	F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>
							Ш
							Ш
		· · · · · · · · · · · · · · · · · · ·					
							$\perp$
							$oxed{oxed}$
	Cite No.1	Cite	Cite	Cite Foreign Patent Document  Kind Code <sup>5</sup>	Cite Foreign Patent Document Name of Patentee or	Cite Kind Code <sup>5</sup> Applicant of Cited Document Cited Document	Foreign Patent Document  No.1 Office3 Number (Fitnerway)  Name of Patentee or Applicant of Cited Document  Name of Patentee or Applicant of Cited Document

	//					 			_
Examiner			//	u l		Date	5/	1//	12
Signature	41	6/2-	<u> 1</u>	ar	<u> </u>	Considered		<u> </u>	<u>′۲</u>
					-	 0.000 D	sharrowshi ada akina is anak	~	$\overline{}$

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not no conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.